

Abstract of the Disclosure

An ink flow control device for a printer having at least one print head includes a main body, an ink flow passage formed at least in part in the main body and constructed and arranged to communicate a supply of ink with a print head, a diaphragm carried by the main body and defining at least part of a pressure receiving chamber on one side of the diaphragm that forms part of the ink flow passage and a reference chamber on the other side of the diaphragm, a valve operably connected to the diaphragm and being moved by the diaphragm to control ink flow through the ink flow passage.